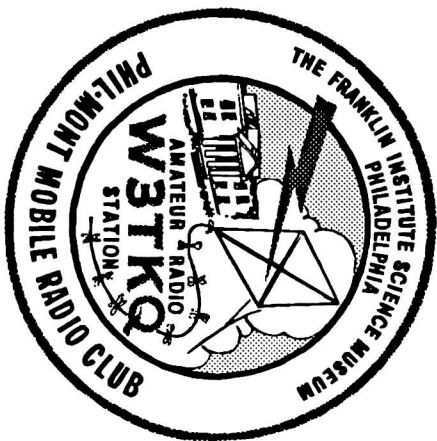
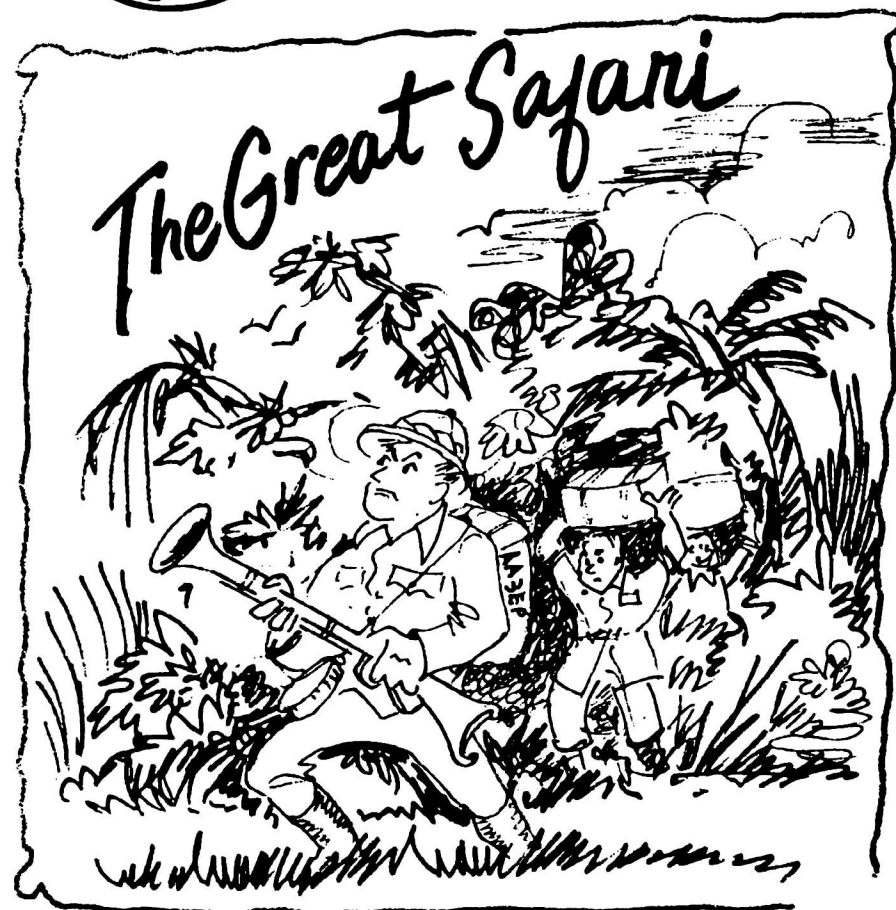


FIRST CLASS MAIL



A Publication of
THE PHIL-MONT MOBILE RADIO CLUB, INC.
c/o 641 KISMET ROAD, PHILADELPHIA, PA 19115-1114

The Blurb



Charlie's searching for more "public service" volunteers!

Our 47th year



VOLUME 46

is published monthly by, and for, the members of **The PHIL-MONT MOBILE RADIO CLUB, INC.** whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs; requests should be sent to the Editor. *Blurb* subscriptions are available to nonmembers for \$10 addressed to the Treasurer. The club meets sometime after 7:30 p.m. on the first non-holiday Wednesday of every month at **The Franklin Institute Science Museum**, Benjamin Franklin Parkway at 20th Street, Philadelphia. Enter from Winter Street, or the parking garage on 21st street. **ALL VISITORS ARE WELCOME!**

Amateur Radio License Examinations are held on the first non-holiday Thursday of every month at The Franklin Institute Science Museum—doors close at 6:30 p.m. - *SHARPI*

CLUB INFORMATION

24-Hour Information Number at **W3TKQ: (215) 448-1139**

Repeater frequencies: 147.03 MHz (**Roxboro** input requires no PL, but outputs 91.5 Hz.)

The following PLs are required for satellite receiver access:

Bucks County 131.8 Hz—**Center City** 103.5 Hz—**Lansdale** 114.8 Hz

444.80 MHz (186.2 Hz PL)

Simplex frequency: 147.51 MHz

W3TKQ packet BBS frequency: 144.99 MHz—E-mail: w3tkq@f1.edu

Mailing Address: P.O. Box 88, Abington, PA 19001

STATIONS

W3QV - 147.03 MHz. Repeater - 8200 Ridge Avenue, Philadelphia, PA - Trustee **W3BBB**

W3TKQ - The Franklin Institute Science Museum, Philadelphia, PA - Trustee **WU3I**

The club sponsors this world-class demonstration station, and welcomes all amateurs (with license) to operate it.

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wu3i@w3tkq.sepa.pa.usa.noam

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Publicity: **N3IEI**

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W3TKQ: **KB3IV**
Welcome: **NEEDED**

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Publisher: **W3IIN**

Artist: **N3QIE**

DEADLINE: To be assured of publication in the current month, all copy **MUST** be in the hands of the Editor at the Bored of Directors' Meeting!

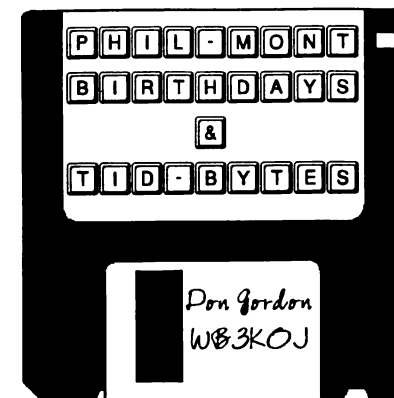
NET SCHEDULE

SUNDAY	09:30	147.030	MHz FM	"SUNDAY MORNING 2 METER NET"
	10:00	28.993	MHz SSB	"10-ON-10 NET"
	10:20	3.993	MHz SSB	75 METER NET
TUESDAY	20:00	147.030	MHz FM	CW PRACTICE NET
LAST WED	20:00	147.030	MHz FM	W3TKQ OPERATORS' NET

APRIL BIRTHDAYS

- 03 Annette Scott (XYL KA4LIF)
- 05 Rob Moore - N2RM
- 06 Ed Faye - W3RCE
Herb Henney - KG2DO*
Pat Rush - WT3X
- 08 Jackie Chedeville (XYL W3GQD)
- 15 Joan Clifford (XYL W3UY)
- 16 Ray Garvin - W3GRY
- 17 Len Kravitz - KD2CR
Ned Schlichting - N3EMN
- 18 Patricia Sullivan (XYL N3QMH)
- 19 Hal Grace - W3HFY
Carl Owens - WB0CPR*
- 21 Laura Lusky (XYL W3APD)
Jerry Shoaf - KA3NKT
- 22 Russ Miller - K3NYN
- 25 Fred Lamberti - KE3NP
- 27 Carl Vold - W3SGR
- 28 Rik Richenbach - WE3D
Bess Rowland (XYL W3JIL)

*Indicates New Member 95-96



SO I LIED!
MEMBERSHIP STATS
Will resume in the May issue.

HELP PHIL-MONT

Are you planning to join ARRL or renew your current membership?
Help P.M.R.C. by joining or renewing through the club...
contact Ed Masarsky, KB3IV, for details.

NEW DIRECTORY

With this issue you received your 1996 P.M.R.C. Directory.
If there is an error in your listing please let me know,
and I will print the correction in this column next month,
and list you in the Fall Supplement.

"DON'T TAILGATE... WAIT"—for the courtesy 🚗!

MS SUPER CITY WALK AMATEUR RADIO COMMUNITY SERVICE

 SUNDAY APRIL 14th 1996 

Print or Type

Name _____ Your Call _____

Address _____

City _____ State _____ zip _____

Phone _____ A.R.C. _____

Has your call been changed since last year, give old call here _____
Are you under 18 years of age? Yes _____ No _____

This year Super City Walk will be held two different days.
Choice the day and place you can help out.

Main Street, Voorhees 4/14/96 _____ Downingtown, PA. 4/14/96 _____

Center City, Phila. 4/14/96 _____ Taylor State Park 4/14/96 _____

Moorestown N.J. 4/21/96 _____ Linwood NJ 4/21/96 _____

Valley Forge Park 4/14/96 _____

Bands you can work Mobile 144 220 151

Bands you can work HT 144 220 151

Please full out and return A.S.A.P.

Mail to Super City Walk
P.O. Box 426
New Castle, De. 19720

Fax 610-358-2148

Packet AA3CH@AA3CH.SEPA.PA.USA.NOAM

The PREZ SEZ

Steve Hoch, WU3I



Spring is here and all good Hams turn to antenna projects. Courtesy of *The Modulator*, the Fort Myers ARC newsletter, I present the following.

ANTENNA ACCIDENTS CAN KILL

Ham, CB and TV antennas have been involved in hundreds of electrocution deaths reported to the Consumer Products Safety Commission (CPSC) in the past several years. Severe injuries, such as burns, loss of limbs, and eyes have also been suffered in antenna accidents. In most accidents, the antennas accidentally hit an electric power line while being installed or taken down. Survivors of some of the accidents report they had failed to notice the power line near the antenna, misjudged the distance to the line, or failed to realize that they could not handle the antenna and mast assembly. If you are inexperienced, the CPSC recommends that you have a professional installer do the work. We have those types who work for free for you, and in all their years of free labor have not experienced an accident. The Commission now requires that all new antennas have installation instructions packed with them, and that antennas have safety labels attached. Some of the recommendations they portray are:

Work only in good weather. Thunderstorms, rain, heavy winds (my personal favorite), and damp or icy ground can create serious hazards.

Follow manufacturers' instructions for assembling the antenna and the support structures.

Provide a spark-gap or other kinds of lightning protection for the antenna, and make sure the mast is grounded.

Carefully check for overhead power lines. Maintain a distance of twice the antenna structure.

Plan the entire procedure before beginning actual work. It is important that one person act as foreman, mostly to watch the overall operation from a free and clear view. It would be nice if this person, or another member of the crew were versed in CPR and first aid.

Use X-frames as a safety precaution if walking-up an antenna and mast, to enable rests at various points. It also helps if you have to step back and take a look.

If the antenna starts to fall, LET IT GO, and stay clear. If you lose control, assume that the antenna will strike something dangerous to life. Do not touch antenna until it is determined that it is safe to do so.

If someone does suffer electrical shock, have someone go for help. Do not touch the body if it is in contact with an electrical source. Instead, try to move the victim from the source by use of rope or wood or anything that will not conduct the current through the victim to you.

Never climb a tower if you are not experienced, or without an approved safety belt. Do not climb if you are not physically able to do so, or if you have a disability.

Never erect unsuitable support structures, i.e. rusty or weak towers, rusty masts, or masts too thin to support the weight.

PMRC has a good track record and let's keep it that way. ☺

UPCOMING

Apr 3 General Meeting Speaker:
Kay Craigie, WT3P
ARRL Atlantic Division Director

Apr 4 License Examinations at
The Franklin Institute

Apr 17 Directors' Meeting at
N3FTC & WU3I's

May 1 General Meeting

May 2 License Examinations at
The Franklin Institute

May 15 Directors' Meeting at
K2BN & WA2BTB's

HAMFESTS

Apr 21 NEW CASTLE, DE
Penn-Del RC

May 5 WRIGHTSTOWN, PA
Warminster ARC

July 14 KIMBERTON, PA
Mid-Atlantic ARC

July 28 TIMONIUM, MD
BRATS

Aug 4 EASTON, PA
Delaware-Lehigh ARC
(Date Change)

Federal Communications Commission
1270 Fairfield Road
Gettysburg, PA 17325
Internet: <http://www.fcc.gov>
License Information
800-322-1117—M-F 0800-1630
Fax-On-Demand
202-418-0177

V.E. TEST LOCATIONS

Confirm all information, in advance, with the contact person. Licensed applicants must bring the original, and one photocopy of their license. All applicants, including children, must two means of positive ID. Also bring the original, and a copy, of any Certificate of Successful Completion needed to prove current status. The ARRL VEC's 1996 test fee is \$6.05; there is no charge for a Novice test.

• The FRANKLIN INSTITUTE

Monthly, 1st Thursday—Dusty Rhoads, ND3Q
(215) 879-0505 day, (215) 448-1139 24-hours

• BELLMAR, NJ

Monthly, 3rd Thursday—Bill Helmatag
(609) 933-1500

• BRYN MAWR

Irregularly—Bob Lees
(215) 265-6032

• LEVITTOWN

Monthly, 1st Saturday—George LeNoir, WR3B
(215) 943-4886

• LINWOOD, PA—(Commercial & Amateur Exams.)

Russ Stafford, AA3CH
(610) 358-2311

• MORRISVILLE

Monthly, 3rd Thursday—Dave Munson, NM3K
(215) 788-7515

• POTTSTOWN

Monthly, 1st Monday—Warren Erdman K3ZXQ
(215) 679-5764

• TELFORD

Monthly, 3rd Monday—Warren Erdman K3ZXQ
(215) 679-5764

• UNIVERSITY OF PA

Monthly, Last Saturday—Jeff DePolo
(215) 898-8538 shack, (215) 337-7383 home

• WARMINSTER

Monthly, Last Wed.—Tom Michaud, WA3TQJ
(215) 343-3494

PUBLIC SERVICE EVENTS

Charlie Weigand, AA3EP (610) 323-1050

Apr 14&21 M.S. Walk

May 11 Spring Challenge

Sept 28-29 MS-150 City to Shore to City

Oct (tba) Arthritis Bike Tour

Dec 1 Brian's Run

The Bremerton Navy Yard (Seattle, Washington) appears to have the sole purpose of deactivating nuclear ships. The area north of the yard is being used as a burial site for nuclear material and waste. It is questionable how much longer the Bremerton yard will remain active, once the waste sites are no longer available. The opinion of many is, it too will close, and another commercial yard on the Pacific Coast will be doing navy work.

Pearl Harbor Navy Yard is also closing, where a small commercial contractor will be doing limited navy work.

With the official closing of the Philadelphia Navy Yard, set for Sept 25, 1996, the commanding officer of the old navess office, now (NSWFC) under Capt. Rucker, will take command of the yard and base facilities. He is soon to be relieved of command by another naval officer not yet named as replacement. ☹

Come to the April
General Meeting, and
help greet our new
ARRL Atlantic Division
Director
Kay Craigie, WT3P
who always presents an
interesting report on the
latest happenings in
amateur radio and the
ARRL.

Sama
CORNER

The fun went out of
my life when 'BBB
was out of town.

Maybe he'll take me
along next year!



PNSY Update

Sam Kuncevic, N3QIE

Things continue to look good at the "Navy Yard" with increased work and employees. The propeller shop is working 3 shifts with added workers to keep up with work on hand. The foundry is busy producing prop castings to keep the prop shop going. They have orders for commercial shipyards as well as the Bremer-ton and Norfolk Navy Yards.

Deactivated and mothballed navy ships continue to arrive at the back channel basin for storage under the reserve fleet.

Work on the USS Seattle continues in dry dock 4, and should complete about August.

Public works is still busy closing up the remaining shops and office buildings no longer occupied. The deep wells (6 of them) are now sealed off except one in 57 building (structural shop). This 800 feet deep well has been in use since 1930, and is still going strong with clean fresh water. The PERA (planning, estimating for repair and alterations) office is scheduled to close in August this year.

Two commercial shipping companies are now in navy negotiations for construction of 2 double-hull tankers and 2 container-cargo ships. This should bring back about 3 thousand former shipyarders.

All private contractors who come into the yard to set up any kind of work or business are required by navy regulations to hire former shipyarders who lost their jobs through the yard closing.

The navy boiler and turbine propulsion lab naval ships work force center (NSWFC) is now about 1,800 in personnel, and will increase to 3,500 when the office moves into building 4, the remodeled design division office that is now almost vacant. Only the shipyard commanders office under Capt. Bergner remains, and will be here until the official closing ceremony takes place Sept. 25, 1996.

Local 3 IFPTE, (International Federation of Professional & Technical Engineers) will still maintain an office in building 4, and will soon have the office members of NSWFC as part of Local 3.

The boiler & turbine propulsion lab is now authorized to provide service to commercial and private ship builders and operators, at a fee of course. Several contracts are now being processed for work, for private shipyards.

What's happening at other closing navy yards? Charleston for one, is in the process of public sales of yard equipment and furnishings. Piers and dry-docks cannot be used, as they have silted and blocked in due to storms over the past 3 years, and are totally unusable. The site will probably be put up for public sale.

The Long Beach Navy Yard also is disposing of moveable property, and a new seawall is being built to keep the Pacific Ocean from flooding the areas. Local & nearby oil wells have undermined the shipyard, and the site itself is now 14 ft. below sea level. Salt water is being pumped into the wells to prevent further sinking of the shipyard. The yard itself is in danger of collapse.



MINUTES

MARCH GENERAL MEETING

Russ Stafford, AA3CH, Secretary



March 6, 1996 our 554th General Meeting was opened promptly at 19:39 by President WU3I, Steve. A short welcome to visitors by WU3I, Steve. W3TKQ is now on line! The Internet [e-mail] address is: w3tkq@fi.edu

There was a review of the list of folks who have not renewed their dues. WU3I, Steve is in the process of rewriting the section in The Franklin Institute volunteer paper work that covers W3TKQ. WT3P Kay, gave a photo to the club from 1934 of Bradley Martin, W3QV. Treasurer, KB3IV, Ed, reported that on March 6, 1996 there was a balance \$2,193.17, an income of \$441.00, \$344.59 in expenses, leaving a balance of \$2,289.58. Net Control- KB3IV, Ed would like one more 2-meter net control. Jackets-Still looking to get a minimum order together for jackets.

Special Events-AA3EP, Charlie The MS WALK is coming up in April. As you all know, one of the main reasons for getting our new site for the repeater is that we do Public Service. We are a Special Service Club. Just a point, we have our very Ham frequencies because of the work we do for the public. So try to come out and do at least one public service event each year. You might like it and do more. Charlie reported that we have a very full schedule this year and a lot of help is needed in the upcoming year, so please contact AA3EP. His number is on the inside cover of the *Blurb*.

W3TKQ, Steve has a few open slots for volunteer operators, see WU3I, Steve. The meeting was closed at 20:04 and was turned over to 1st Vice President, N3FVI, Bill for an informal and very good talk on PCs, parts, and systems, etc. ☺

DICTIONARY FOR THE NEW AMATEUR RADIO OPERATOR!

With the arrival of the new licensing regulations, we eagerly anticipate an influx of new amateurs. Those who tune in for the first time may be surprised to discover that the current inhabitants of the airwaves appear to be communicating in a language which bears only a passing resemblance to English. For the benefit of the newly licensed, the following is intended as a primer in this mysterious form of communication.

WE It is not generally realized that, as the result of an obscure clause in the licensing regulations, the holder of an amateur

radio license becomes plural immediately upon receiving the license. This is a privilege that was formerly reserved for royalty ("We are not amused"), but with the advent of radio has been extended to all licensed amateurs. Thus, before you became licensed you would say "I am driving down the road." Once licensed this becomes "We are driving down the road." Roses are red, Violets are blue, I'm schizophrenic, And so am I (we).

HI (or H-I) A hangover from the days of CW communication, this was intended

Continued next page

MINUTES

MARCH DIRECTORS' MEETING

Russ Stafford, AA3CH, Secretary

March 20, 1996 our Mid-Month Meeting was opened promptly at 20:23 by our club Treasurer KB3IV, Ed who reported a starting balance of \$2,289.55 with income of \$163.00, \$144.34 in expenses leaving a new balance of \$2,308.34. Dues have slowed down. If you have a buddy who has not renewed, please give him/her/it a reminder. All nets are OK!!

W3TKQ: As the weather is getting better some antenna work needs to be done such as a new 6 meter antenna. Paddlerama will be held field day weekend. See WU3I, Steve. Field day will be here very soon! Chris is looking for a new Field day site.

Continued from previous page

to convey a laugh in code. In audio communications the use of this expression means either: a) The joke I (we) just told was so unfunny that (we) find it necessary to draw your attention to my (our) pathetic attempts at humor. b) I (we) suspect that the modulation on my (our) radio is so poor that it is unable to reliably reproduce the sound of a laugh.

SHACK Be it ever so humble, all non-mobile radio equipment is housed in a "shack." Even though many of our wealthier brethren have megabucks of real estate devoted to the hobby, it is still referred to by this unfortunate epithet. Perhaps a hang-over from the arrival of indoor plumbing, when the budding ham was left with a redundant outdoor structure in which to house his equipment?

SILENT KEY Passed over, passed away, ceased to be, gone to Glory, gone to

W3IIM, Jack reported that a new membership directory is now in the works. Jack started a discussion on programs and how we as a group can improve and get better programs for the General Meeting. Also, There was a discussion on bylaws and having a multi-slate of officers to run for the various club offices (a great idea!)

W3BBB, Jim reported on the off-site receiver for Delaware County (much needed!), and on a very good voting system that he and N3DHI, Rick are researching. This is the same unit that was in the April QST.

Next Mid-Month will be at Steve's.

The meeting closed at 22:35. A big **THANK YOU** to KB3IV and N3GLU. ☺

that great ham shack in the sky, moved to Moncton! Obviously amateurs are as coy as the rest of the population when it comes to uttering the "D" word. Actually, since the introduction of voice transmission, the vast majority of the amateur population are silent when it comes to keys.

BAREFOOT Originally a method of ensuring that the operator would provide a reliable path to ground in the event that he came into contact with a lethal source of power (see Silent Key above), this now refers to running a transmitter without the addition of an external power amplifier.

TWISTED PAIR Thought by many to refer to two strange individuals given to certain unusual (and, in some communities, illegal) practices, this is actually a complex way of saying "telephone." Fortunately not in common use outside the ham community, or the Bell Twisted Pair Company would

Continued on page 19

presumably because the glass bottle of the 807 bears absolutely no resemblance to a container for the Golden Throat Charmer!

"Q" CODES These are three-letter codes, all starting with the letter "Q" which are ciphers for complex phrases. My personal favorite is "Shall I point my searchlight nearly vertical on a cloud, occulting if possible, and when your aircraft is seen deflect the beam upwind and on the water or land to facilitate your landing?" Needless to say, this one is not in common usage among amateurs! With the introduction of audio transmission, the codes became redundant, but there are still those out there who speak the codes as a means of separating the cognoscenti from the uninitiated.

QSL Originally "I acknowledge receipt", now: 1) A way to say "Yes" using three syllables instead of one. 2) An alternate to "Roger," the single most popular name among amateurs (Roger Dodger). 3) The amateur equivalent of a "Big Ten-Four." 4) A reference to those little pieces of card with call letters on them which are totally unknown to certain Scottish members of our group.

QSO This is supposed to mean "Can you communicate with ___ direct or by relay?" but has now been converted into a word (pronounced KEWSO) to substitute for "chat." Thus, once licensed, you no longer chat to a friend, you have a kewso with him (or her). Worse yet, if this conversation were to take place without the aid of radio, it would become an "eyeball kewso!" There is very little evidence of serious or lasting optical damage as a result of this strange practice, although it has been publicly condemned by the College of Ophthalmic Opticians. However, until he gains experience, the new ham is advised to wear protective eyewear for his first few "eyeball

kewsos."

QSY Officially "Please change frequency to ___ kHz." On 2-meters now used to indicate that you are moving (QSYing) to another repeater. Harder to say but much more satisfying.

QRT Officially either "I am ceasing transmission" or "Please cease transmission." In audio it becomes "going QRT." See also "Going clear" (not to be confused with transparent).

QRU It means "I have nothing for you." If you have nothing to say, why say it? (Because the two-meter band would be totally silent if we all did that, that's why!)

QTH Yet another advantage of your license. You no longer have a house, apartment or address—you now have a QTH! Actually, it's supposed to mean "What is your position (or My position is) in latitude and longitude (or according to any other indication)." Other people merely live in your town—you have a QTH there. ☺

From packet via WB3KOJ

The Welcome Mat's Out

Phil-Mont members are welcome to use the following METRO-COMM, INC frequencies while travelling about the area.

Chester, PA	29.52
Chester, PA	224.96
Chester, PA	443.05
Chester, PA	1,240.00
Claymont, DE	147.315
Eagleville, PA	224.68
Linwood, PA	443.00
Millville, NJ	147.135 pl-156.7
Millville, NJ	223.96
Ocean City, NJ	223.98

73, Russ

PPP Point-to-Point Protocol; variant of TCP/IP that connects client computers to an Internet host computer via modem dial-up, more advanced than SLIP.

SLIP Serial Line Interface Protocol; variant of TCP/IP that connects client computers to an Internet host computer via modem dial-up.

SMTP Simple Mail Transfer Protocol; standard format for exchanging mail messages on the Internet.

Snail mail Derogatory term for United States Postal Service mail delivery.

Spam E-mail that is indiscriminately sent to many users not known by the sender, especially mailing-list subscribers (the Internet's junk mail).

TCP/IP Transmission Control Protocol over Internet Protocol; the basic communication program that runs on all computers connected to the Internet.

UNIX Operating system used by most central Internet servers.

Upload Transferring file(s) from a local (client) to a remote (host) computer.

URL Universal Resource Locator; site address for access via Web browsers.

UUCP Unix to Unix Copy Program; an alternative to TCP/IP that enables computers to connect to the Internet on an as-needed basis.

UUdecode The process of converting files received through e-mail in ASCII text format back to binary files (programs, formatted data, etc.).

UUencode The process of converting binary files into ASCII text so they can be transmitted via e-mail.

Veronica A search tool for files stored on Gopher servers—and yes, both Archie and Veronica are named after comic-book characters.

WAIS Wide Area Information Server; a document database format that is similar to

Gopher, but less popular.

Web server Used to publish information on the Web.

Whois An Internet service that finds a user's e-mail address

WWW World Wide Web; a standard for linking documents with hypertext. ☺

Continued from page 6

probably not have attained the position that it now enjoys.

XYL The feminists' favorite! It means "Wife" or, more likely, "The Wife" (eX Young Lady - XYL! Get it?). It's not entirely clear whether this intended to imply that the person in question is either no longer young, has ceased to be a lady, or both. Presumably with the current high incidence of divorce (yet another possible by-product of your new found obsession with Amateur Radio), there are also a number of XXYLs out there. Habitually referring to your spouse in her presence as "The XYL" has been known to hasten this process.

HARMONICS The unwanted by-product of an oscillation. For some reason this has now come to mean "children." Obviously the term was coined by someone who didn't have any because houses containing them are rarely harmonious.

73 Chosen for its rhythm in morse, this means "Best wishes." It takes the same number of syllables to speak it as "best wishes" so no real time penalty. This one is now metamorphosing into "Best 73s" which translates to "Best best wisheses."

88 "Love and Kisses." Chosen for who knows what reason. Usually employed by YLs and XYLs (see above), this should be utilized with care by all who do not fit either of these categories!

807 A type of vacuum tube popular as a power output device a few years ago. This term is now used as a reference to beer—

Our page on the World Wide Web for W3TKQ has attracted its first e-mail. N3EAY in Florida, a PMRC past president, wandered across our presentation, and sent us a letter. All is well with Bob & Ruthann, who can be reached via e-mail at ricker@magicnet.net.

Several months ago it was brought to my attention that the FCC, and several on-line call lookup services, had WV3I, not WU3I, listed as the trustee of our proud station. The FCC has been corrected, and the on-line services download every week, so they are up to date. Now for all those CD roms, callbooks, and callbook programs out there, WV3I is Al Freischmidt in Milton, DE who has agreed to forward any mail that comes to his address. Al can be reached at afreischmidt@bdsnet.com.

Finally, since the departure of Henry Disston, a number of things have changed for those of us at the station. Eight books had been signed out of TFI's library under Henry's name, and they are now under my name. Three of these books are *missing*!

The titles are:

- *Your Gateway To Packet Radio*
- *PACSAT Beginners Guide* (includes addendum and 2 disks)
- *Getting Started in Amateur Radio Satellites*

Please check your shacks and bookcases; you may have forgotten that you borrowed the books in question, and have them in your possession. I am responsible for these books, and would like them accounted for or returned. Borrowing is fine, but please let me know so I know where the books are.

The camp-ins have been doing very well. My thanks for helping-out go to Herb-KG2DO, Ed-KB2RGQ, Charlye-WN3PDB, Mike-N3PDO, Mike-N3TRO, Bryan-N3VJE, and anyone else I might have forgotten. The dates for April are:

12 Friday*
13 Saturday*
19 Friday
20 Saturday
26 Friday
27 Saturday*

* all female evening

If you wish to volunteer, the camp-ins start at 6 PM check in. You must contact Gaby Grekin at 448-2195 to notify her that the station will be staffed. Gaby must know by Wednesday the week preceding the camp-in to put on the list.

The International Voice of The Franklin Institute Science Museum

THE
W
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Q

REPORT

Internet: <http://sln.fi.edu/tfi/exhibits/w3tkq.html>

131ST MONTHLY VE SESSION STATISTICS MARCH

16 candidates took 28 elements
3 new amateurs plus 4 upgrades

VE team members:

Dusty Rhoads, ND3Q, Chairman

Henry Mapps, K3DXI; Sam Lewis, N3GPQ; Steve Hoch, WU3I;
Joe Leone, KA3LKM; Jim McCloskey, KE3OP; Jeff Kerber, KE3UV;
Harold Goodman, W3UWH; Gene Gadlin, KA3VKC

AMATEUR LICENSE EXAMS HELD ON THE FIRST
NON-HOLIDAY THURSDAY OF EVERY MONTH

Registration begins at 6:00 PM

Doors close at 6:30 PM sharp

THE FRANKLIN INSTITUTE
SCIENCE MUSEUM

For Information Call ND3Q at
(215) 448-1139 or 879-0505

Accessible by the handicapped.



IS THERE A TRANSLATOR IN THE HOUSE?

Internet users bandy about the usual acronyms favored by computer users—PCMCIA, SCSI and the like—and then throw in a collection of terms unique to the Internet community. The following is a vest-pocket guide to the most common net.speak you'll find.

Archie A search tool for files stored on FTP servers.

BITNET An alternative public network that has steadily become more tightly connected to the Internet.

Browser Any program used to search the World Wide Web.

DNS Domain Name Service; translates text-format computer names into their appropriate IP addresses.

Download Transferring file(s) from a remote (host) to a local (client) computer.

EFF Electronic Frontier Foundation; a membership organization that lobbies for basic freedoms on electronic networks.

FAQ Frequently Asked Questions; a suggested reading document maintained by most mailing lists and newsgroups to avoid repeating old news for each newbie.

Fidonet A hobbyist BBS network with an e-mail gateway, and other links to the Internet under development.

Finger An Internet service that checks a user's personal identification.

Firewall A device or program that acts as a barrier between the Internet and a company's local area network to guard internal data security.

Flame Extremely nasty e-mail responses that often become long and vehement "flame wars."

FTP File Transfer Protocol; a means to exchange files from one computer to another.

GIF Graphic Interchange Format; a graphic file format. Most images on the WWW are in GIF format.

Gopher A storage and retrieval protocol for file archives on the Internet.

Home page Web document at the top of an individual hierarchy.

HTML Hypertext Markup Language; the programming system used to create and display documents on the Web

HTTP Hypertext transfer protocol; the Web's primary set of rules which perform the request and retrieve functions necessary to display documents stored on remote computers.

Hypertext Documents that cross-reference each other via graphical cues.

InterNIC Internet Network Information Center; a repository of information about the Internet.

IP address The unique numeric address assigned to a computer on the Internet.

IRC Internet Relay Chat; an Internet service that lets users exchange typed messages in real-time.

ISP Internet service provider; a commercial reseller of Internet connectivity.

JPEG Joint Photographic Experts Group; an algorithm for compressing still images.

Listserver A file server that automatically mails information to mailing-list subscribers

MPEG Motion Picture Experts Group; an algorithm for compressing audio and video.

Newbie A new user.

NII National Information Infrastructure; a Clinton Administration proposal for federal control of the Internet.

PGP Pretty Good Privacy; a public-domain program that provides PC users on the Internet with the ability to encrypt e-mail messages for privacy and security.

Ping An Internet service that determines if a specific connection is in operation.

AREA REPEATER COORDINATION

Gene Pressler, W3ZXV

FM repeater coordination in the Eastern Pennsylvania and Southern New Jersey ARRL Sections had been managed by The Philadelphia Area Repeater Council (TPARC) for over a decade; however the organization's resources had become severely taxed in recent years by the explosive growth of repeater operations.

Early last year, a new organization—the Area Repeater Coordination Council of EPA/SNJ—was formed in an effort to change the way repeater coordination has been managed. ARCC was developed as an organization encouraging “grass roots” support, and the democratic participation of the repeater community. ARCC's proposals gained very substantial support from the repeater community and, on February 1, the two organizations merged to form a single new coordinator for EPA and SNJ.

The merged organization has been named “ARCC-TPARC, Inc.” and a series of regional meetings has been announced to familiarize amateur radio repeater owners and operators with its planned operations.

ARCC-TPARC will open-up the coordination process and change the basis of its support to that of a dues-supported membership organization which, for the first time in our area, will give repeater operators a voice in the coordination process. This is a fundamental change in the way repeater coordination has been conducted in the past and, if you have an interest in repeater coordination, either as an owner, operator, trustee, officer or member of a repeater group or even as a casual user of an FM repeater, you should make an effort to attend one of these regional meetings.

The first of these meetings was held on March 24 for repeaters in Philadelphia, Bucks, Montgomery, Chester and Dela-

ware Counties. The meeting covered a number of subjects of vital interest to the repeater community, including...

- The history of repeater coordination in the EPA/SNJ region.
- The establishment of ARCC-TPARC, Inc. as a membership-based organization, its dues structure and methods of operation.
- An overview of coordination policies, practices and procedures.
- The coordination process to be followed for established and prospective repeaters.
- A look ahead to ARCC-TPARC's plans for the future.
- Adoption of its Constitution and Bylaws and suggestions for a permanent name for the organization.
- The election of officers. ☺

Delmont's **HAS CHEW**



NEW MEMBER APPLICATION

CALL:	N3SKK
NAME:	Carl Brown
HANDLE:	Carl
CLASS:	Technician
ADDRESS:	P.O. Box 4755 Philadelphia, PA 19134
HOME PHONE:	215-426-7778
BUSINESS PHONE:	215-426-7778
OCCUPATION:	Financial Planner
INTERESTS:	W3TKQ

Calling all Phil-Monters!

Chris Brady, N3IEI

Field Day 1996 is just around the corner! This year, the “corner” looks like it's going to be moving a few miles up the road. So far, plans are falling into place for our outing to be held at an absolutely fantastic site, Fort Washington State Park! The Park is located about ½ mile from the intersection of Bethlehem Pike (just north of Flourtown) and PA route 73, Skippack Pike. 'Looks like we'll be using the Militia Hill entrance.

The Park offers a hilltop campsite with a parking lot, rest room facilities, bar-b-cue grills and security! I was up there earlier in the week and you can see the Rockies (well, maybe that was Roxborough I was looking at). Traditionally, the park closes at sunset. If everything goes well, we'll be given a key to the security gate for any overnight travel to and from the site.

As we've done in the past, I'll need to start collecting names and available equipment for the contest. Generators, card tables, chairs, radios, antennas, tents and food are all on the “needed” list. If you can help in this regard, please feel free to give me a call or send me an e-mail. 2-meter mobiles and 440 equipment will not be needed; that stuff will be on-hand by the dozen with all the cars that will be there—thanks for the thought, though. I would like to keep VHF and UHF SSB running pretty hard, so if you have any SSB gear for

these bands, let me know. It'll be a great site for the higher bands.

1996 will be a slightly down-sized contest. Instead of struggling to keep 11 stations running, I think we'll fall into place around 6A. This effort should be a little more manageable. Remember, we need people for set-up and the strike of the site. Operators are no more valuable than a good assistant to run the logging computer. “Available” helpers are always needed to make food runs or to refuel the generators. Please don't be shy. If you can stop by for even an hour, your company is welcome!

Based on the terrain up on the hill, and since this will be our first year at the park in quite some time, wire antennas for HF will probably be the mainstay. It might be very difficult to raise a tri-bander on a ladder, as the park might not appreciate all the acrobatics needed to raise one of those monsters. We also might have neighbors camping at an adjacent site. As always, safety must be paramount.

There will be more to come in the next few *Blurbs*. Remember, Field Day weekend is the 4th full weekend in June. Pencil us in! June 22 and 23, 1996. I can be reached via e-mail at:

brady@kyw.groupw.wec.com or at home at 610-270-0831—evenings preferred. 'Hope to talk to you real soon. ☺

New Element Discovered

The heaviest element known to science was recently discovered by Rockwell International Corporation. The element, tentatively named Administratium, has no protons or electrons, and thus has an atomic number of 0. However, it does have one neutron, 125 assistant neutrons, 75 vice neutrons, and 111 assistant vice neutrons. This gives it an atomic mass of 312. These 312 particles are held together in a nucleus by a force that involves the continuous exchange of meson-like particles called morons.

Since it has no electrons, Administratium is inert. However, it can be detected chemically as it impedes every reaction it comes into contact with. According to its discoverers, a minute amount of Administratium causes one reaction to take over four days to complete, when it would normally occur in less than one second.

Administratium has a normal half life of approximately three years, at which time it does not actually decay, but instead undergoes a reorganization in which assistant neutrons, vice neutrons and assistant vice neutrons exchange places. Some studies have shown that the atomic number actually increases after each reorganization.

Research at other laboratories indicate that Administratium occurs naturally in the atmosphere. It tends to concentrate at certain points such as all government agencies, large corporations, universities of higher learning as well as civic organizations. It can usually be found in the newest, best appointed and best maintained buildings.

Scientists point out that Administratium is known to be toxic at any level of concentration, and can easily destroy any productive reactions where it is allowed to accumulate. Attempts are being made to

determine how Administratium can be controlled to prevent irreversible damage, but results to date are not promising. ☹

N9PIW via WB3KOJ

PADDLERAMA 1996

Its that time again! For those unfamiliar with the name, Paddlerama is a 2-day, 40-mile canoe race on the Delaware River. The participants are Boy and Girl Scouts of the Bucks County Council.

Phil-Mont has been involved in the past, and two years ago we renewed the activity with a fun weekend on the river. We provide communications for health and welfare, and to keep track of the Scouts. This year's dates are June 22-23. I know, I know... it's Field Day weekend again this year. We tried to get them to change it, but that's another whole article you don't want to read.

The race starts Saturday morning at the Delaware Water Gap, and ends the first day at the Martins Creek Power Plant boat launch, 2½ miles south of the Belvidere (N.J.) Bridge on the PA side. There will be dinner in the campground Saturday night, and breakfast Sunday morning. The second half continues Sunday across the river from Easton at the Phillipsburg boat ramp, and ends in Tinicum State Park.

We'll be following the Scouts in a 'sweep canoe'. The count on the relays and gates will follow, as the Scouts are still planning this phase. We'll have operators at the relay changovers and gates. In addition to health and welfare traffic, we send the race data to the head timekeeper, who will have an operator with him all day.

I encourage all those interested to join us, and experience the fun, if even for a day. Contact me on the repeater, or call me at (215) 535-8061 for more detailed information. ☹

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
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Approved by OMB
3060-0576
Expires 10/31/96
Public reporting
burden estimate
is five minutes.

APPLICATION FOR RENEWAL OF AMATEUR RADIO STATION LICENSE

Alphonse P. Jumpstart
555 Trocksell Road
Lansdell, PA 19444

Public reporting burden for this collection of information is estimated to average five minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate, or any other aspect of this collection of information, including suggestions for reducing this burden to Federal Communications Commission, Records Management Branch, AMD-IM, Washington, DC 20534. Paperwork Reduction Project (3060-0576). DO NOT SEND YOUR COMPLETED APPLICATION FORM TO THE WASHINGTON, DC ADDRESS.

Call Sign	Operator Privileges	Station Privileges	Effective Date	Expiration Date
W3QQQ	GENERAL	PRIMARY	07/08/86	07/08/96

INSTRUCTIONS

The radio station represented above will expire as indicated. This form may be used to file for renewal only. Check the pre-printed information. You may correct misspelled words, but if any other information shown on your license has changed, do not file this form. You must apply for modification of the license by filing FCC Form 610, Application for Amateur Radio Station and/or Operator License or FCC Form 610B, Application to Renew or Modify an Amateur Club, RACES, or Military Recreation Station License.

Mail your signed application for renewal to:
FEDERAL COMMUNICATIONS COMMISSION, 1270 FAIRFIELD RD, GETTYSBURG, PA 17325-7245

CERTIFICATION

I certify
That all the statements and attachments are true, complete and correct to the best of my knowledge and belief and are made in good faith;
That I am not a representative of a foreign government;
That I waive any claim to the use of any particular frequency regardless of prior use by license or otherwise;
That the station to be renewed will be inaccessible to unauthorized persons;
That the construction of the station would NOT be an action which is likely to have a significant environmental effect. See the Commission's Rules, 47 C.F.R. Sections 1.1301-1.1319 and Section 97.13(a).

Willful false statements made on this form are punishable by fine and/or imprisonment (U.S. Code, Title 18, Section 1001), and/or revocation of any station license or construction permit (U.S. Code, Title 47, Section 312(a)(1)), and/or forfeiture (U.S. Code, Title 47, Section 503).

SIGNATURE

DATE

NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT OF 1974 AND THE PAPERWORK REDUCTION ACT OF 1980
The solicitation of personal information requested in this form is authorized by the Communications Act of 1934, as amended. The Commission will use the information provided in this form to determine whether grant of this application is in the public interest. In reaching that determination, or for law enforcement purposes, it may become necessary to refer personal information contained in this form to another government agency. In addition, all information provided in this form, as well as the form itself, will be available for public inspection. If information requested on the form is not provided, processing of the application may be delayed or the application may be returned without action pursuant to Commission rules. The foregoing notice is required by the Privacy Act of 1974, Public Law 93-579, December 31, 1974, 5 U.S.C., Section 552a(e)(3).

FCC 6108
November 1993

Coming to their senses!

The major telecommunications reform bill approved by Congress last month includes a provision authorizing the Federal Communications Commission (FCC) to eliminate the \$75 VHF marine radio license for virtually all of the nation's recreational boating fleet, according to the Boat/U.S. boat owners association.

"This ill-conceived regulatory fee levied on boaters should soon be history," said Boat/U.S. President Richard Schwartz, whose 510,000-member organization has been lobbying Congress for the past two years to eliminate the fee. Sources inside the FCC have told Boat/U.S. that the VHF radio license requirement for recreational boats less than 65 feet will end as soon as the commission revises its regulations.

This process could take several months or more. Recreational boats over 65 feet are required by a separate federal law to have a VHF radio and will continue to need a license to use it.

The Pine Island Eagle

On the mend

Wishing a speedy recovery to:

AA3EP

W3QZO

W3YLT

Ain't Automation Wonderful?

You cannot apply for a ham license renewal electronically, the ARRL's Regulatory Information Branch advises, in response to several recent queries. The reason is that the FCC maintains the paper copy of the application form, signed by the applicant, in the event it needs to be inspected later for confirmation or to correct discrepancies.

You may download the FCC Form 610 from the FCC fax-on-demand service, or from the FCC's home page on the World Wide Web [see page 4]. The FCC renews a license only if an application is received within 90 days before, or two years after, the license expiration date; it will not be renewed if submitted earlier. If you apply for renewal after your license expires, you may not operate until the application has been processed.

If your current mailing address is on file with the FCC, the Commission will mail you an FCC Form 610R [see next page] 90 days before your ticket expires. (This is the second best reason for maintaining your current mailing address on file with the FCC. The best reason is that, if mail from the FCC to you is returned by the Post Office as undeliverable, the FCC can suspend your license!)

If all of the information on the Form 610R is correct, you just need to sign the form and return it. If you do not get a Form 610R, a regular Form 610 can be used for renewal. There is no "blank" Form 610R; they are generated individually for each amateur at the appropriate time, and are not otherwise available.

QST




Millie Stouth, wife of Charlie, W3ZPP

The father of Mark Ackerman, WA3AUN

1996

APRIL

1996

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2 CODE PRACTICE NET at 8 PM W3RM	3 GENERAL MEETING at The Franklin Institute Refreshments at 7:00 p.m. Meeting starts at 7:30.	4 LICENSE EXAMS at The Franklin Institute Registration begins at 6:00 Doors close at 6:30 p.m. <i>except</i> Passover	5 <i>Good Friday</i>	6
7 2M NCS N3FTY 10M NCS W3HFY 75M NCS W3PWG <i>Easter</i>	8	9 CODE PRACTICE NET at 8 PM K3JJO	10	11	12	13
14 2M NCS W3GQD 10M NCS W3HFY 75M NCS W3STW <i>MS Walk</i>	15	16 CODE PRACTICE NET at 8 PM WA3NSP	17 DIRECTORS' MEETING at N3FTC & WU3I	18	19	20
21 2M NCS N3OWM 10M NCS W3HFY 75M NCS AA3CH <i>MS Walk New Castle Hamfest</i>	22	23 CODE PRACTICE NET at 8 PM N3FVI	24 W3TKQ OPERATORS' NET 8 PM	25	26	27
28 2M NCS W3STW 10M NCS W3HFY 75M NCS KB3IV	29	30 CODE PRACTICE NET at 8 PM W3RM			Time is nature's way of keeping everything from happening at once.	